FIG.1

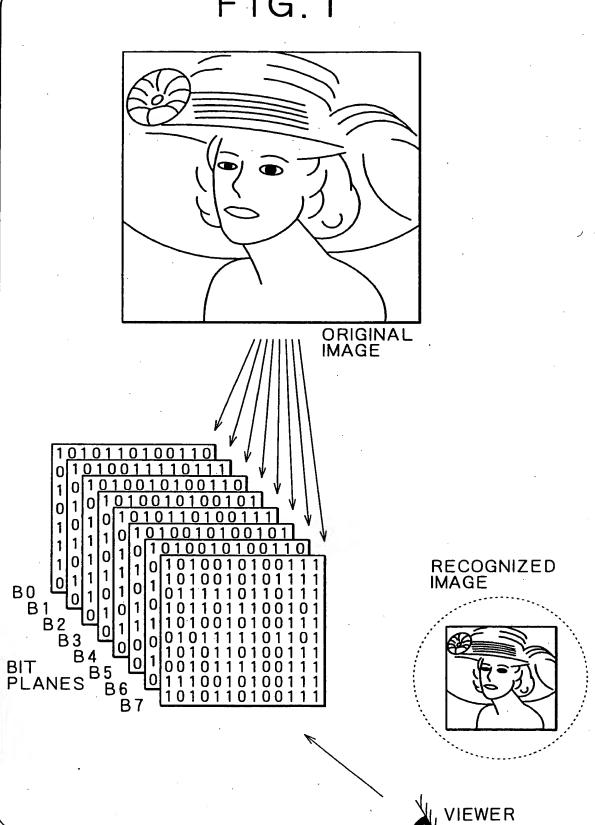


FIG.2

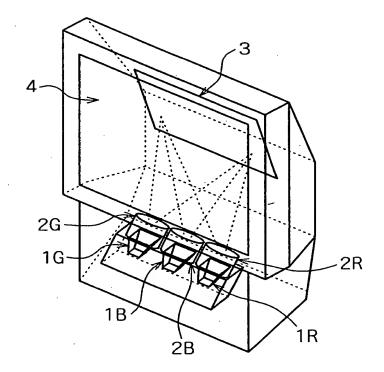
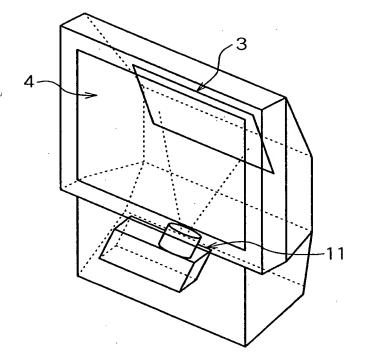
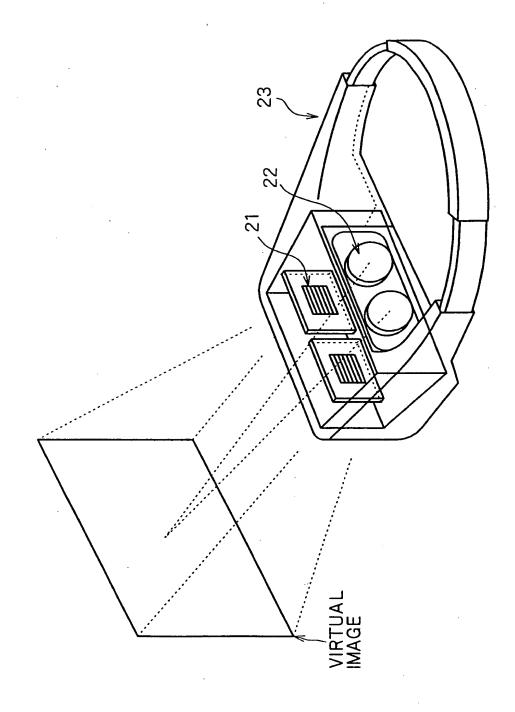


FIG.3



F1G.4



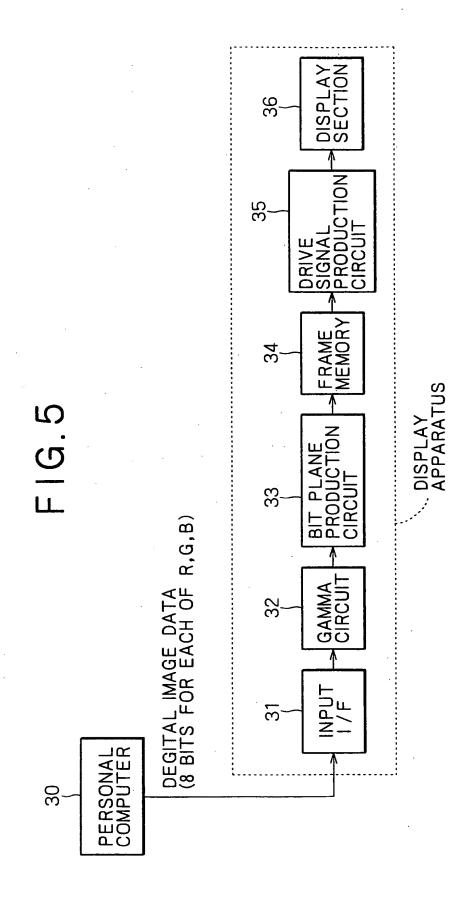
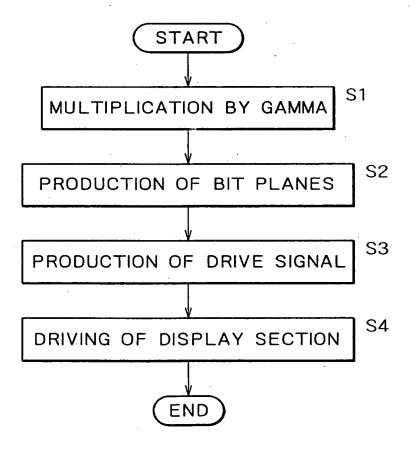


FIG.6



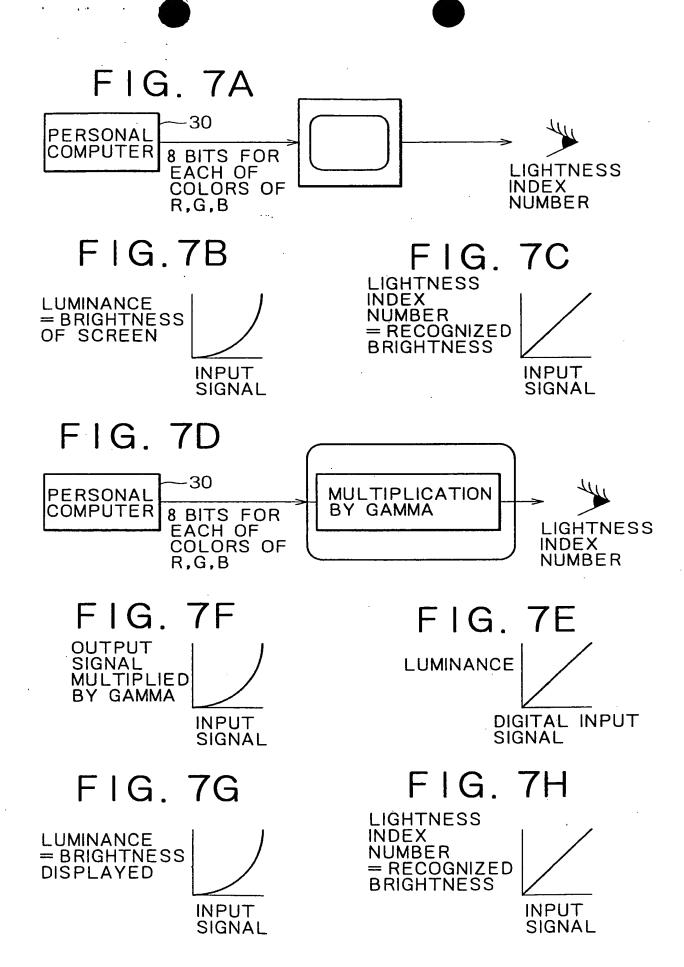


FIG.8A

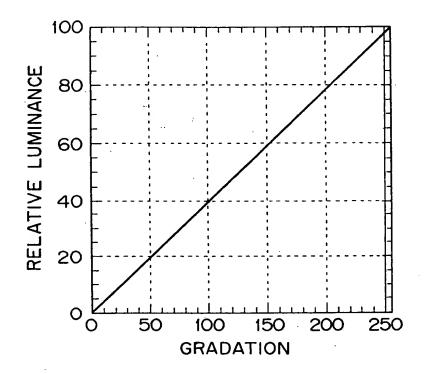


FIG.8B

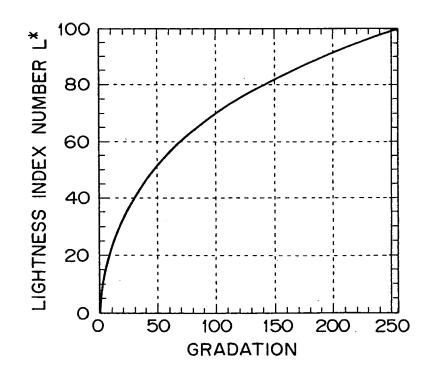
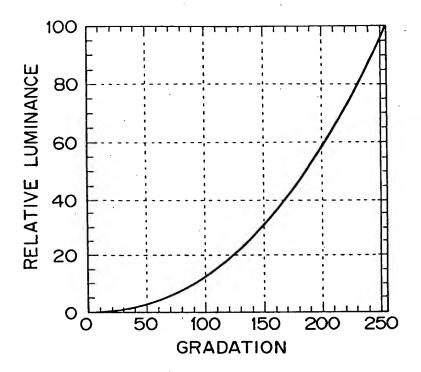
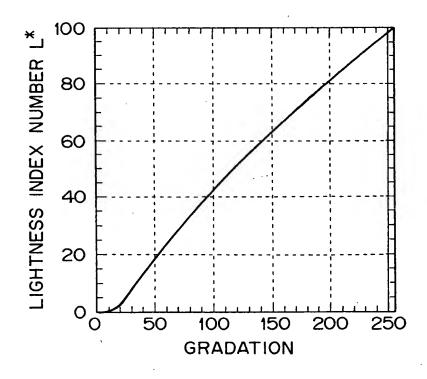
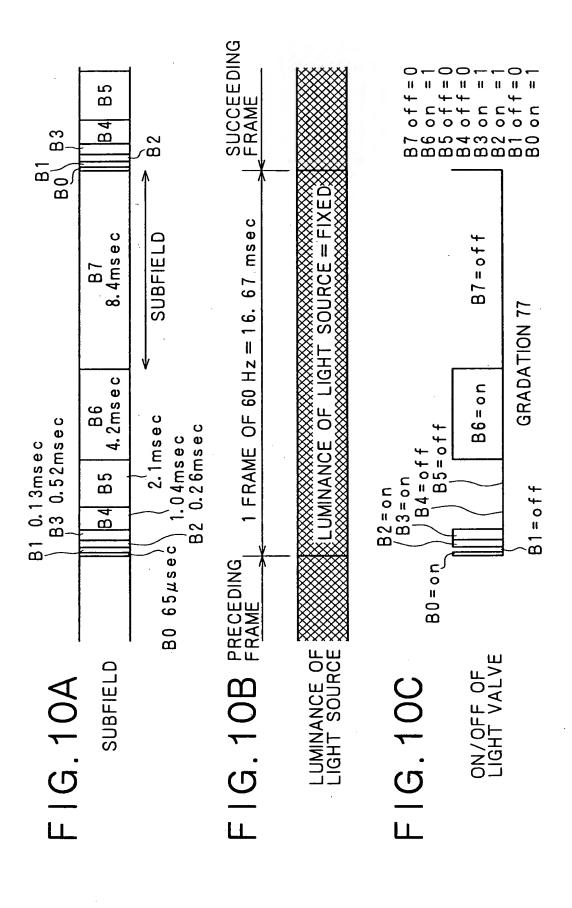


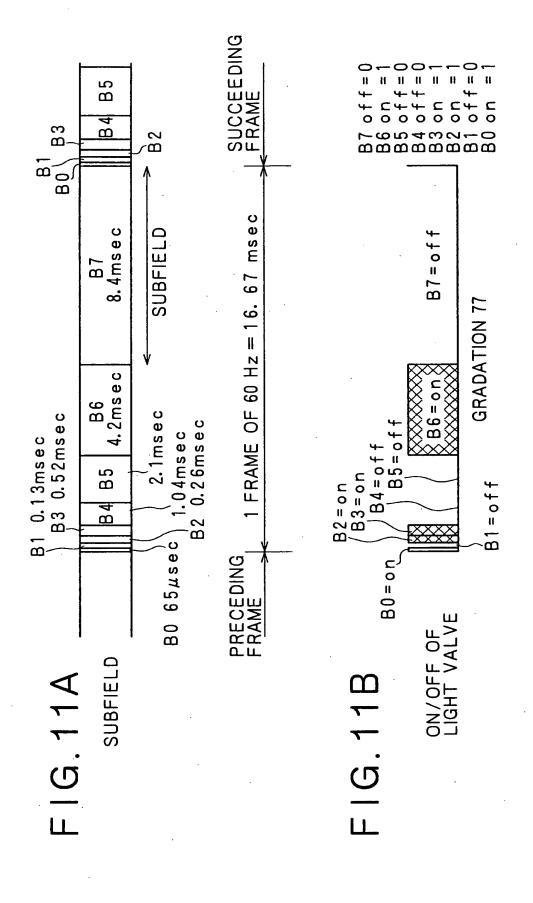
FIG. 9A



F I G. 9B







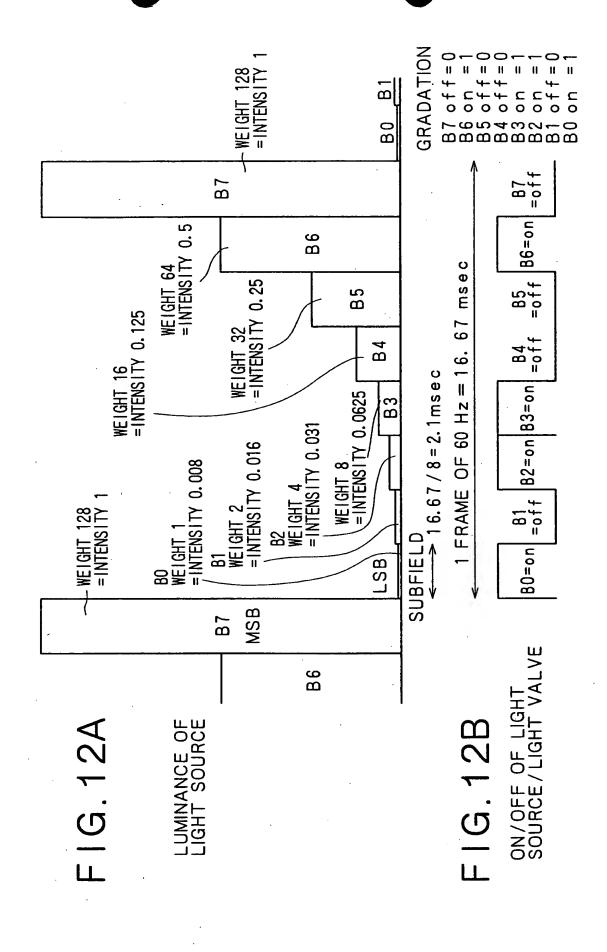


FIG. 13A

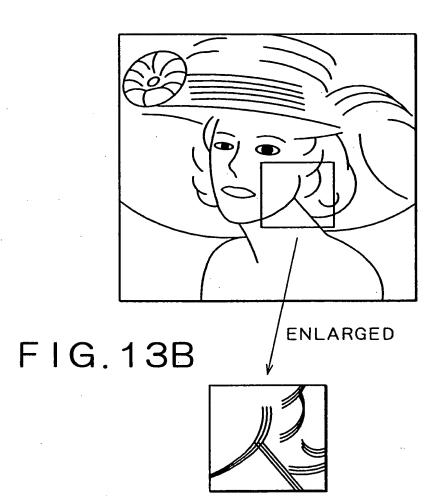
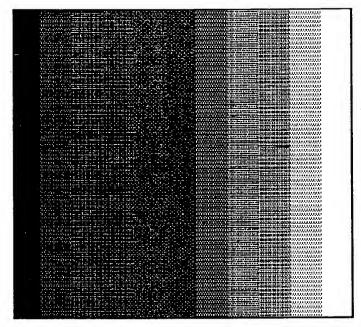


FIG. 14A



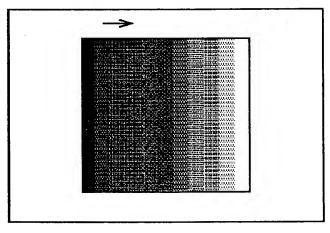
GRADATION O

GRADATION 255

256 GRADATIONS × 2 PIXELS/ GRADATION = 512 PIXELS

FIG. 14B

10 PIXELS/FRAME = 600 PIXELS/ 1 SECOND WHEN 1 FRAME = 60 Hz



640/480 DISPLAY HORIZONTALLY 640 PIXELS \rightarrow 1.1 SECONDS 800/600 DISPLAY HORIZONTALLY 800 PIXELS \rightarrow 1.3 SECONDS 1024/768 DISPLAY HORIZONTALLY 1024 PIXELS \rightarrow 1.7 SECONDS 1280/1024 DISPLAY HORIZONTALLY 1280 PIXELS \rightarrow 2.1 SECONDS 1600/1200 DISPLAY HORIZONTALLY 1600 PIXELS \rightarrow 2.6 SECONDS

FIG.15

(A)	(B)	(C)	(D)							
8-BIT LINEAR	72.2	8-BIT INTEGER	B0	В1	В2	В3	B4	B5	В6	B7
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30	0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.2 0.3 0.4 0.4 0.5 0.6 0.7 0.7 0.8 0.9 1.0 1.2 1.3 1.4 1.5 1.7 1.8 2.0 2.1 2.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
241 242 243 244 245 246 247 248 249 250 251 252 253 254 255	225.2 227.3 229.3 231.4 233.5 235.6 237.7 239.9 242.0 244.1 246.3 248.4 250.6 252.8 255.0	225 227 229 231 234 236 238 240 242 244 246 248 251 253 255	1 1 1 0 0 0 0 0 0 0	0 1 0 1 1 0 1 0 1 0 1	0 0 1 1 0 1 0 0 1 1 0 0 1	0 0 0 1 1 0 0 0 1 1 1	0 0 0 0 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

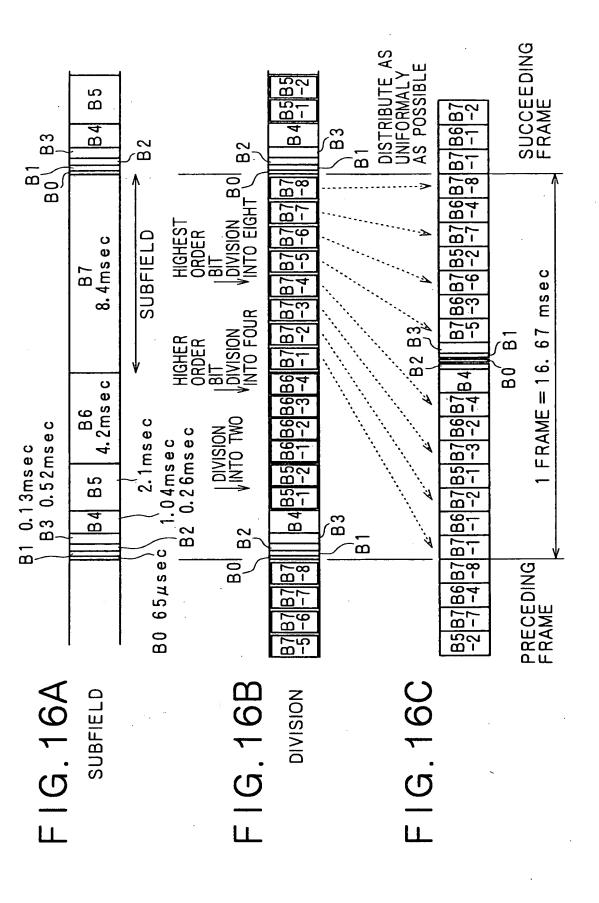
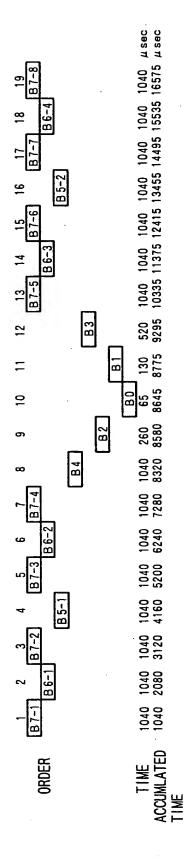


FIG. 17

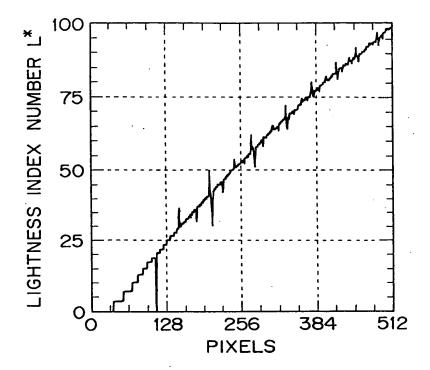


F1G. 18A

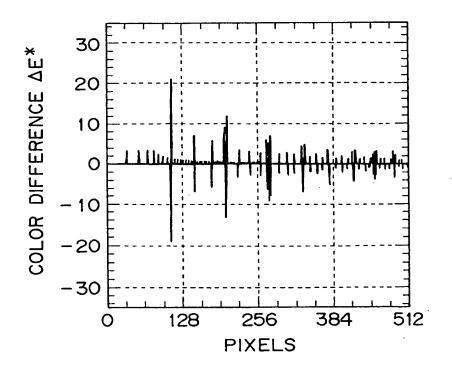
F1G.18B

	OUNT				
	NORMAL IZ LLIGHT AM 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		0.2353 0.2353 0.2392 0.2392 0.3059		0.8667 0.8039 0.6863 0.5608 0.4706 0.2510 1.1882
T Sec	AMOUNT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		60.0 60.0 61.0 78.0		221.0 205.0 175.0 143.0 120.0 96.0 64.0 48.0
B 6-4 B 7-8 1040 1040 31553516575	<u>.</u>		00000		
36-4 1040 15535	. 0		00000		
B7-5 B6-3 B7-6 B5-2 B7-7 B6-4 B7-8 1040 1040 1040 1040 1040 1040 1040 10335 11375 12415 13445 14495 15535 16575	. 0		00000		
34451					
37-6 E 1040 1 24151	- 000		00000		
36-3 E 040 1 13751			00000		
37-5 E 040 1 0335 1	0000				
B3 E 520 1 9295 1					·
B1 130 8775		(ED)	0000-	(ED)	00
B0 65 8645 8		OMIT	000	OMIT	
82 260 8580 8		9		9	
B4 1040 8320 8					
B7-4 1040 7280			00000		
B6-2 E 1040 6240			00000		
B7-3 E 1040 1 5200 6	000000		00000		
1040 1040 4160					
B7-2 E 1040	0000000		00000		-
B6-1 E 1040 2080	- 00000000		0000-		
1040 1040	- 00000000		00000		
SUBFIELD TIME ACCUMULATED	NORMALIZED LIGHT AMOUNT 1 2 3 3 5 6 6 6 7 7		270 271 272 273 273		514 515 516 517 518 520 521

F I G. 19A

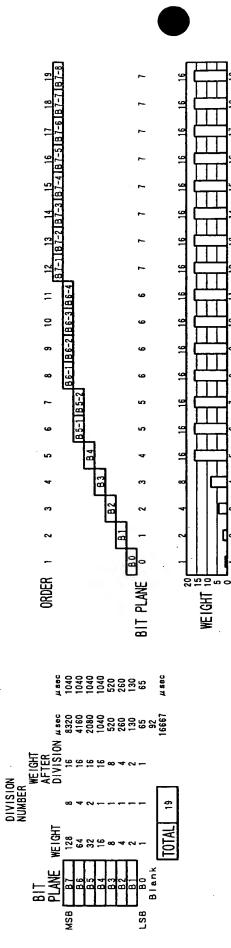


F I G. 19B

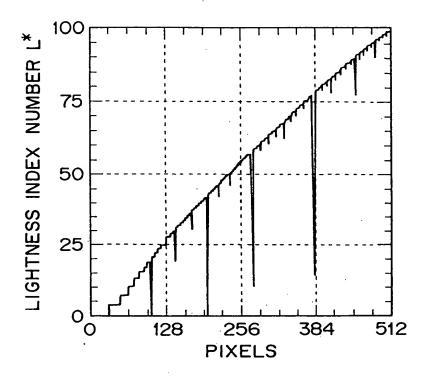


F1G.20A

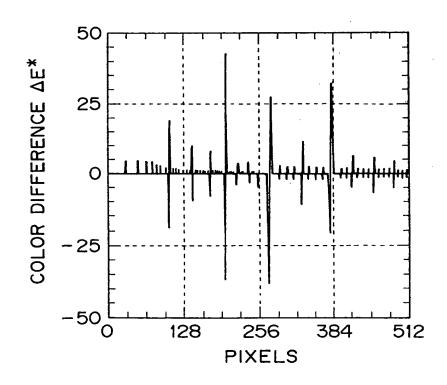
F1G.20B



F I G. 21A

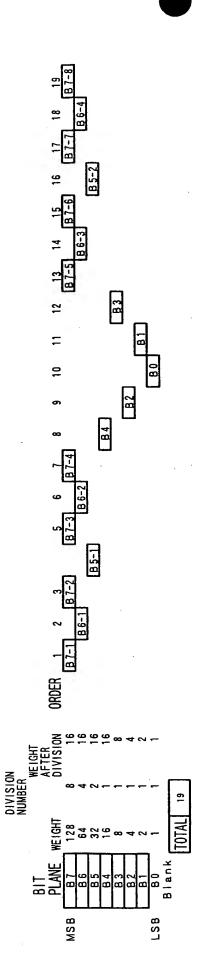


F I G. 21B



F1G.22A

F1G. 22B



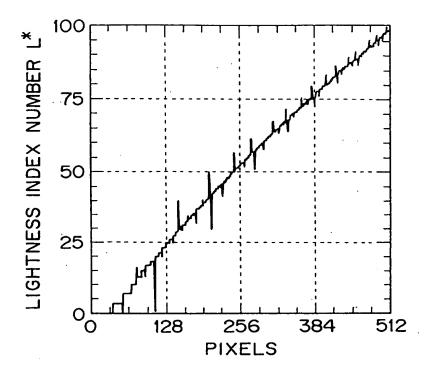
F1G.23A

F1G.23B

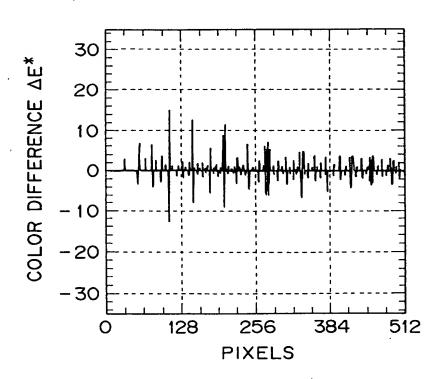
COLOR DIFFERENCE LIGHTNESS Lab	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.31	0.31	0.00	0.46	0.00	0.00	0.30
C C LIGHTNES	0.00	0.00	0.00	0.00	0000		56.40 56.79	56.79	57.17		98.31	98.62	98.93	98.93	99.39	99.39	99.70	100.00
×	0.00	0.00	0.00	0.0	0.00		24.31 24.71	24.71	25.10		95.69	96.47	97.25	97.25	98.43	98.43	99.22	100.00
NORMALIZED LIGHT AMOUNT LIGHTNESS	0.0000	0.0000	0.0000	0.0000	0.0000		0.2431	0.2471	0.2510		0.9569	0.9647	0.9725	0.9725	0.9843	0.9843	0.9922	1.0000
				0.0	000		62.0 63.0	63.0	64.0									255.0 255.0
B7-8 L	00	00	0	00	000		00	00	0		-			_	- ,		-	
36-4 €	00	00	0	00	000		00	0 -						-	-		. —	
B7-7 B6-4	00	00	0	00	000		00	00	0					,	- -		-	
B5-2	00	00	0	00	000			- c	0		-		- ,-	-	- ·		.	
B 7-6	00	00	0	00	000		00	00	0		-			,	-		-	
B6-3	00	00	0	00	000		00	0 -			-	 -		-	- ·		· •	
B 7-5	00	00	0	00	000		00	00	0			· •		-	- ·			
B3	00	00	0	00	000			- c	0		0	<u></u>	-		-		-	
B 1	00	00	0	00	000	(OMMITTED)		 c	0	(TED)	0	 -	- c	0	Ψ.	- c	0	
B0	00	00	0	00	000		0 -	c	0	LI WWO)	0	0	o c	0	 ·		-	
B2	00	00	0	00	000	9		 ⊂	0		-		- c	0	0	> ~		
B4	00	00	0	00	000		·	← c	0		.	 •-		-	-		. —	
B 7-4	00	00	0	00	000		00	00	0		-			-	-	- -		·
B6-2	00	00	0	00	000		00	0 -			-		- ,-		, - .		. —	
B7-3B6-2	00	00	0	00	000		00	00	0		-			-	-		-	
B5-1	00	00	0	00	000			- c	0	•	_			. —	-			
B7-2 B5-1	00	00	0	00	000		00	00	0		-			-	-			
B6-1	00	00	0	00	000		00	0 -			-			-	, -			
B 7-1	00	00	0	00	000		00	00	0		-				-		-	
SUBFIELD NUMBER OF COLUMS OF HORIZONTAL	PIXELS 1 2	w 4	ഹ	9 ~	α e C		270 271	272	274		502	503	504 505	506	202	80 G	510	511 512

F1G.24B	COLOR DIFFERENCE LIGHTNESS Lab	000000000000000000000000000000000000000		1.19 -0.79 0.40 0.00 5.48	0.15 0.31 -4.46 -5.95 -6.29 -6.73 -1.22 -2.55 -9.36
	(CIGHTNES	000000000000000000000000000000000000000		56.40 55.61 56.01 56.01 61.48	99.08 99.39 94.93 88.98 82.68 75.95 74.73 72.18 62.82 50.48
	X 10	000000000000000000000000000000000000000		24.31 23.53 23.92 23.92 29.80	97.65 98.43 87.45 74.12 61.57 49.80 47.84 43.92 31.37 18.82 6.27
	NORMALIZED LIGHT AMOUNT NESS	0.0000000000000000000000000000000000000		0.2431 0.2353 0.2392 0.2392 0.2380	0.9765 0.9843 0.8742 0.7412 0.6157 0.4392 0.4392 0.1882 0.0627
	NORI Ligi Lightness	0000000000		62.0 60.0 61.0 61.0 76.0	249.0 251.0 223.0 189.0 157.0 122.0 112.0 80.0 48.0
	10 B7-8			00000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	9 B6-41	0		00000	
	9 87-7	0	ı	00000	
	8 185-2	00			
	8 3 B 7-6	00		00000	
	7 5 B6-3			00000	
1	7 B7-5	000		00000	4- 4- 4- 6- 4- 4- 4- 4-
4	6 B3	0000	_		
N	9 18	0000	TTED)	0000	000
	5 B0	00000	I WWO)	00-10	
U	5 B2	00000			00
-	4 B 4	00000			
	4 B7-4	00000		00000	
	3 B6-2	000000		00000	
	3 B7-3	000000		00000	
	2 B5-1	0000000			
	2 B7-2	0000000		00000	
	1 B6-1	00000000		0000-	
	1 B7-1	00000000		00000	
	MOVEMENT PIXEL NUMBER SUBFIELD NUMBER OF COLUMS OF HORIZONTAL	PIXELS 1 2 3 4 4 4 6 5 5 5 5 1 10 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		270 271 272 273 274	512 513 515 515 518 520 521

F I G. 25A

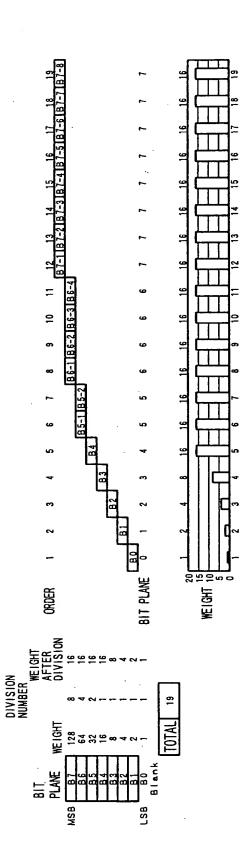


F I G. 25B

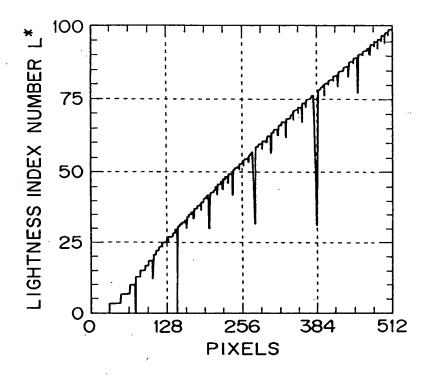


F1G.26A

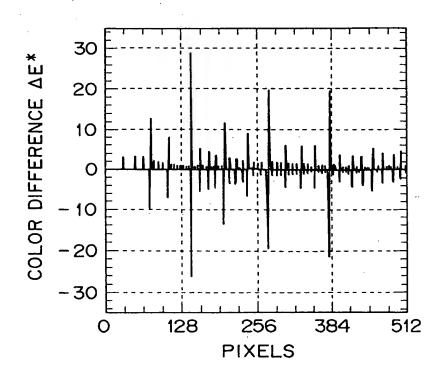
FIG. 26B



F I G. 27A



F I G. 27B



F1G.28A

F1G. 28B

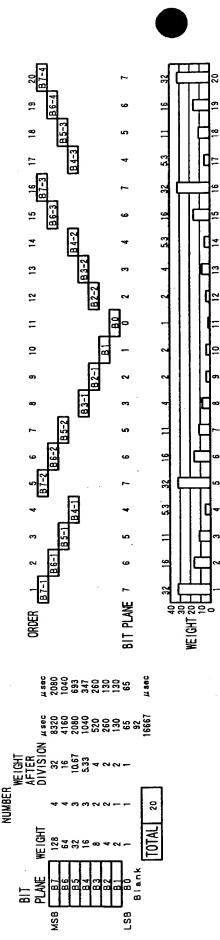
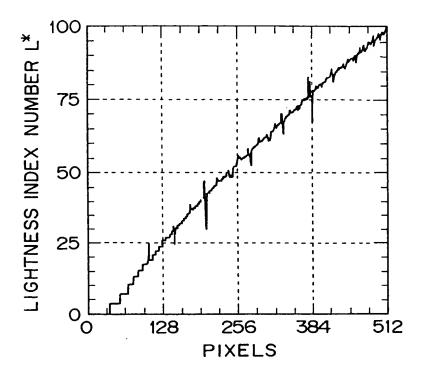
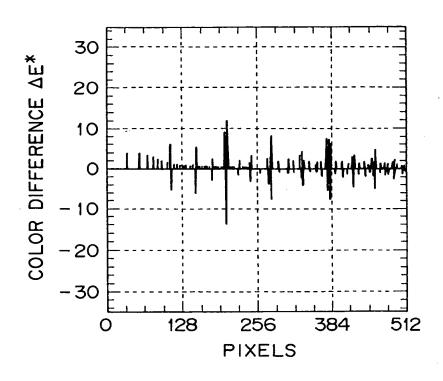


FIG. 29A

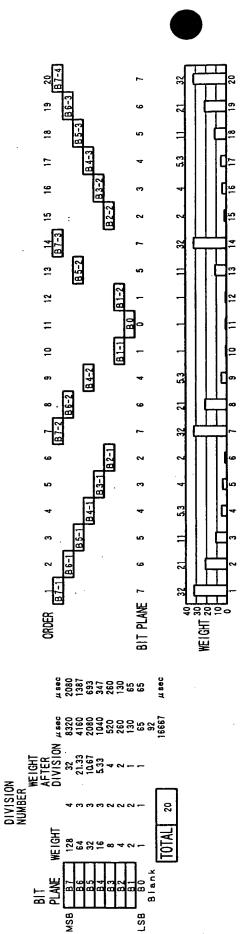


F I G. 29B

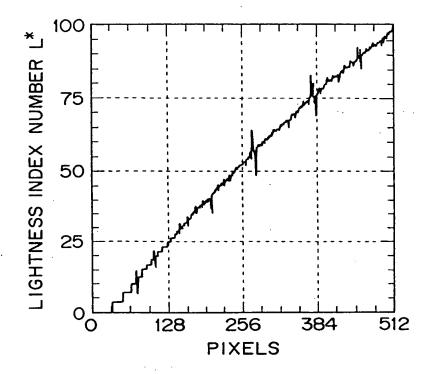


F1G.30A

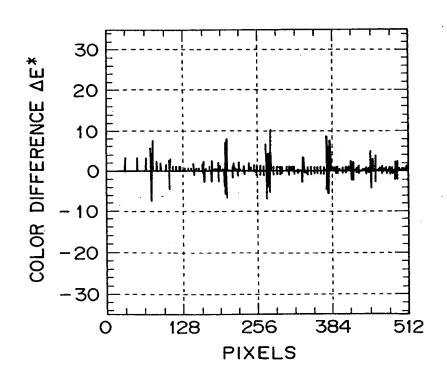
FIG. 30B



F I G. 31A

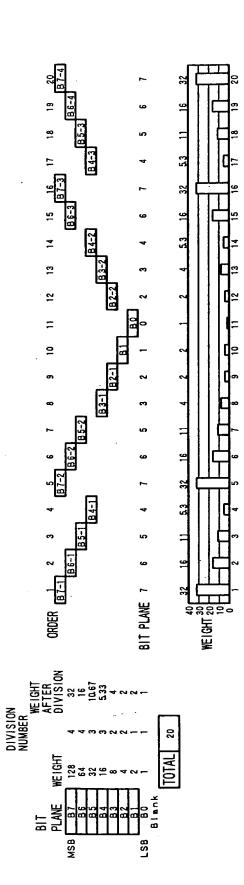


F I G. 31B

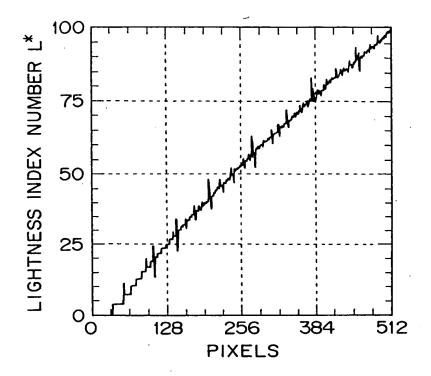


F1G.32A

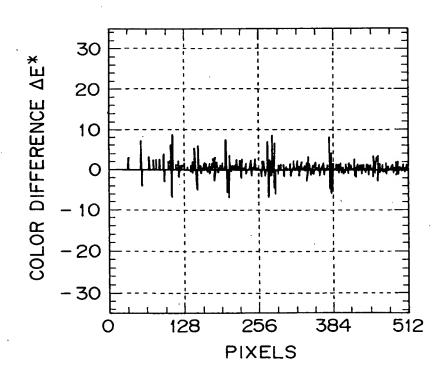
F1G.32B



F I G. 33A

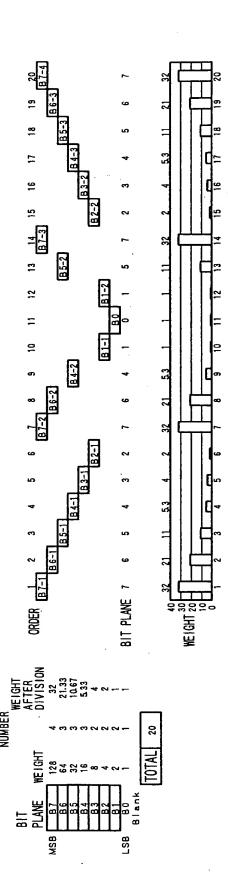


F I G. 33B



F1G.34A

FIG. 34B



F I G. 35A

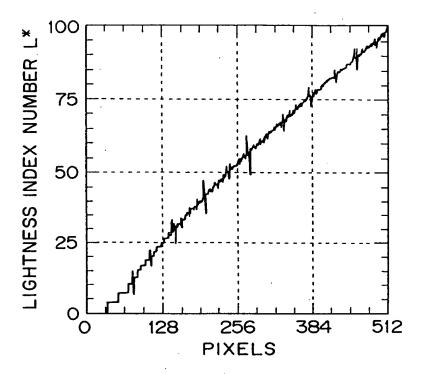


FIG. 35B

